

Hybrid Network to Carry Synchronous and Asynchronous
Traffic over Symmetric and Asymmetric Links

Addepalli Sateesh Kumar

Tushar Ramanlal Shah

Chandrasekaran Nageswara Gupta

Debaditya Mukherjee

Thomas Yat Chung Woo

Khalid Sheikh

Jai Prakash Agrawal

ABSTRACT OF THE DISCLOSURE

The versatility provided by network nodes in accordance with the present invention allows the formation of networks using different types of links, links with differing bandwidth, data rates, and bit error rates, as well as both asymmetric and symmetric links. For example, a network can include a first network node coupled to a second network node with a wireless link. The network can include a third network node coupled to the second network node an optical link and coupled to the first network node by a wireless link. A fourth network node can be easily inserted between the third network node and the third network node using wireless links. The optical link between the second and third network nodes can operate at one bandwidth and the various wireless links would operate at other bandwidths depending on the environmental conditions between each pair of nodes.